



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

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Eric Bailey
Holiday Inn
172 North Main St
Concord, New Hampshire 0330

ER OF DEFICIENCY
WMB PBF 02 4
March 8, 2002

Dear Mr. Bailey

The Department of Environmental Services, Water Division ("DES") is required by RS 485-A:26 to operate a program to ensure the health and safety of the public when using public bathing facilities such as pools and spas. To implement this program, DES has adopted administrative rules Env-Ws 1101-1105 to specify the design, operation, and maintenance requirements for public bathing facilities. DES reviews applications for new public bathing facilities and also inspects and tests the water in existing public bathing facilities to ensure that applicable requirements are being met.

On March 7, 2002, DES inspected the following public bathing facilities at the Holiday Inn in Concord, NH: the indoor pool ("Pool") and spa ("Spa"). During this inspection the following deficiencies were noted:

A recommendation to close and superchlorinate the Pool was issued on March 7, 2002. The inspection on March 7, 2002 revealed that the Pool was in violation of Env-Ws 1103.14 and unsafe for public use. The following bacterial violations were observed in the Pool water:

Pursuant to Env-Ws 1103.14(a)(2) the maximum allowable Heterotrophic Plate Count (HPC) in public bathing facility water is five hundred colony-forming units per one milliliter (500 cfu/mL). The Pool water contained 4,150 cfu/mL.

- (b) The maximum allowable concentration of non-coliform bacteria in public bathing facility water is two hundred counts per one hundred milliliters (200 CTS/100mL). The Pool water contained greater than 200 CTS/100mL.

Env-Ws 1103.15(c) requires a free residual chlorine concentration between 1.0 mg/L and 3.0 mg/L in public pool water. The free chlorine residual of the Pool water was 0.35 mg/L on March 7, 2002.

Env-Ws 1103.15(d) requires a pH between 7.0 and 7.8 in public pool water. The pH of the Pool water was 6.9 on March 7, 2002.

Env-Ws 1103.16(f) requires a pH between 7.0 and 7.8 in public spa water. The Spa water was 6.3 on March 7, 2002.

Pursuant to Env-Ws 1103.16(h), spa water temperature shall not exceed 104°F. The temperature of the Spa water was 106°F on March 7, 2002.

Env-Ws 1104.01 requires the operator to test public bathing facility water for disinfectant residual, pH, and temperature prior to use of a public bathing facility and every 4 hours of operation, to record test results on a dated daily log sheet, and to maintain

records for the previous twelve months and make these records available to DES and patrons of the public bathing facility upon request. Water quality is not tested prior to opening of the Pool and Spa.

A report outlining how compliance will be achieved with the cited deficiencies should be submitted to DES within 30 calendar days from receipt of this letter. The report should include a copy of two weeks of water quality test results for all facilities (please do not send originals).

DES personnel will conduct another inspection at a later date to determine whether you have come into, and are maintaining, full compliance with RSA 485-A:26 and Env-Ws 1101-1105. After a violation of Env-Ws 1103.14, the facility will be required to pass two inspection in the following months. In the event that compliance is not achieved, DES may take further action, including seeking an administrative fine up to \$2,000 for each offense or referring the case to the NH Attorney General's Office for judicial action.

We appreciate your cooperation in this matter. Please contact Amy Wilson at (603) 271-7108 if you have any questions regarding this letter. Copies of Env-Ws 1101-1105 are available through the DES Public Information Center at (603) 271-2975 or via the Internet at <http://www.des.state.nh.us/pools/env1100.pdf>.

Sincerely,

COPY
Jody Connor
Limnology Center Director

cc: Gretchen C. Rule, Enforcement Coordinator, DES ✓
Russell A. Nylander, P.E., Chief Engineer, WD/DES
Amy Wilson, Public Bathing Facility Coordinator, DES
Eugene Blake, Health Officer, City of Concord